RTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER				
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		00952/0202318-US0			
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)			
	INTERNATIONAL FILING DATE	10/520,688			
INTERNATIONAL APPLICATION NO. PCT/GB2003/002941	8 July 2003	PRIORITY DATE CLAIMED 8 July 2002			
TITLE OF INVENTION ROTARY SEA		5 ouly 2002			
APPLICANT(S) FOR DO/EO/US Alan Roddis					
Applicant herewith submits to the United Sta	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
1. This is a FIRST submission of its	1. This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.				
2. This is a SECOND or SUBSEQUE	UENT submission of items concerning	a submission under 35 U.S.C. 371.			
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. The US has been elected (Articl	e 31).				
5. A copy of the International Appli	cation as filed (35 U.S.C. 371 (c)(2))				
a. is attached hereto (required	only if not communicated by the Intern	ational Bureau).			
b. has been communicated by					
c. is not required, as the applic	ation was filed in the United States Re	ceiving Office (RO/US).			
6. An English language translation	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).				
a. is attached hereto.	a. is attached hereto.				
b. has been previously submitte					
7. Amendments to the claims of the	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))				
a. are attached hereto (require	a. are attached hereto (required only if not communicated by the International Bureau).				
b. have been communicated by	b. have been communicated by the International Bureau.				
c. have not been made; howev	c. have not been made; however, the time limit for making such amendments has NOT expired.				
d. have not been made and wil	d. have not been made and will not be made.				
8. An English language translation of	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).				
9. x An oath or declaration of the inv	X An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).				
	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).				
Items 11 to 20 below concern document(s) or information included:					
11. An Information Disclosure State	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.				
12. X An assignment document for reco	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.				
13. x A preliminary amendment.	x A preliminary amendment.				
14. An Application Data Sheet unde	An Application Data Sheet under 37 CFR 1.76.				
15. A substitute specification.	A substitute specification.				
16. A power of attorney and/or chan	A power of attorney and/or change of address letter.				
17. A computer-readable form of the	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.				
18. A second copy of the published	A second copy of the published International Application under 35 U.S.C. 154(d)(4).				
19. A second copy of the English lar	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).				
	Other items or information: Certificate of Express Mailing; Copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (2pp)				

PTO-1390 (Rev. 02-2005)

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER					
		10/520,688 PCT/GB2003/002941			00952/02023	18-US0		
	The following fees have been submitted			CALCULATIONS	PTO USE ONLY			
	21. Basic national fee\$300			\$				
V	22. x Examination fee							
h	If International prelim							
	All other situations						s	
	23. x Search fe	<del></del>						
'	Search fee (37 CFR		been paid on	the inter national and	dication to t	he		
	USPTO as ar	International Se	earching Autho	ority		\$100		
	International Search All other situations						s	
	7 ti Galer Gladaolio	TOTAL OF 21			••••••		s	
				filed in paper over 1				
				filed in an electronic or fraction thereof.	c medium).	The fee is		
				each additional 50 or	fraction	RATE	1	
		Extra sheets	thereof (ro	und up to a whole r	umber			
	- 100 =	/50 =	46464		- 20	× \$250.00		
	Surcharge of \$130.0 from the earliest claim				n 30 monti	15	\$ 130.00	
	CLAIMS	NUMBER I		MBER EXTRA	R	ATE		
	Total claims	37 -	20 =	17	х	50.00	\$ 850.00	
	Independent claims	1	- 3 =		х		\$ 0.00	
•	MULTIPLE DEPEND	ENT CLAIM(s)	(if applicable)		+		\$	
			T·	OTAL OF ABOVE	CALCULA	ATIONS =	\$ 980.00	
	Applicant claims	s small entity sta	itus. See 37 C	FR 1.27. Fees abo	ve are redu	ced by 1/2.	\$	
•					SUB	TOTAL =	\$ 980.00	
	Processing fee of \$13 from the earliest claim				n 30 month	s +	\$	
	from the earliest claimed priority date (37 CFR 1.492 (f)). +  TOTAL NATIONAL FEE =					AL FEE =	\$ 980.00	
	Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						\$ 40.00	
07/06/2005 MKAYPA	GH 00000131 10520	)688		TOTAL F	EES ENC	LOSED =	\$ 1,020.00	
01 FC:1617	•	130.00 OP					Amount to be refunded:	\$
02 FC:1615		850.00 OP					Amount to be	\$
							charged:	1
	a. X A check in	n the amount of	f \$	1,020.00	to cover th	e above fees	is enclosed.	
		arge my Depo				the amount	of \$	
	to cover to	ne above rees.	A duplicate o	opy of this sheet is	enciosea.			:
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	overpaym	ent to Deposit	Account No.	04-0100	A dup	olicate copy of	f this sheet is enclosed.	
	d. Fees are	to be charged t	o a credit car	d. WARNING: Inf	ormation o	n this form m	ay become public. Cred	lit card
	information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
	NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.							
	_				po		tryw DARRESON	✓
	SEND ALL CORRE	SPONDENCE	TO:			M	- (53,920)	
	Adda C. Gogoris				SIGN	ATURE:	- 0 0	_
	DARBY & DARB	Y P.C.					a C. Gogoris	
	P.O. Box 5257 New York, New Y	ork 10150-5	257		NAME	:		
	(212) 527-7727						29,714	
	CUSTOMER NU	MBER: 07278	3		REGI	STRATION N		<del></del>

Attorney Docket No.: 00952/0202318-US0



# Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. 4 4 6 6 4 in an envelope addressed to:

2441163715-US

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

oń	June 27, 2005
	Date

Beg	
Sugnature O St	Pec/<
Typed or printed name of person	on signing Certificate
Registration Number, if applicable	Telephone Number

i elephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Combined Declaration/Power of Attorney (4pp)

2<sup>nd</sup> Preliminary Amendment (8pp)

Assignment (2 pages) and Recordation Form (1pp)

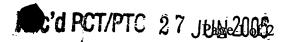
Transmittal Letter to the United States Designated-Elected Office -

Second Submission (2pp)

Copy of Notification of Missing Requirements (2pp)

Check in the amount of \$1,020.00

Return receipt postcard





## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS

P.O. Box 1450 Alexandria, Vinginia 22313-1450

U.S. APPLICATION NUMBER NO. FIRST NA.		FIRST NAMED APPLICANT	ATTY	DOCKET NO.	
10/520,688		Alan Roddis	00952/0202318-US0		
			INTERNATIONAL APPLICATION NO.		
	611	. سر د د د	PCT/GB03/02941		
7278	DUE/44	6, 2005	I.A. FILING DATE	PRIORITY DATE	
DARBY & DARBY P.C. P. O. BOX 5257 NEW YORK, NY 10150-52	Docketed on 5//2	by of fo	07/08/2003	07/08/2002	
	Docketed without file		CONFIRMATION NO. 9784 371 FORMALITIES LETTER *OC000000015956335*		
	Attorney				

Date Mailed: 05/06/2005

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/05/2005
- Copy of the International Search Report filed on 01/05/2005
- Copy of IPE Report filed on 01/05/2005
- Preliminary Amendments filed on 01/05/2005
- Information Disclosure Statements filed on 01/05/2005
- Copy of references cited in ISR filed on 01/05/2005
- U.S. Basic National Fees filed on 01/05/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$1310 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$1440 for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$ 1310
  - **\$950** for **19** total claims over 20.
  - \$360 for multiple dependent claim surchare.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

#### MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/520,688	PCT/GB03/02941	00952/0202318-US0

FORM PCT/DO/EO/905 (371 Formalities Notice)